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Peter Valinga
Fall 1947
Bardingame

Visit us at our new location: The Floral Arts Nursery
1595 Junipero Serra Blvd., near Alemany in San Francisco

BULBS



TULIPS
LILIES
CROCUS
NARCISSI
FREESIAS
ANEMONES
HYACINTHS
RANUNCULUS

" The Dutch Bulb Specialist"

PLEASE OBSERVE WHEN ORDERING

PRICES . . . This catalog cancels all previous quotations written or oral.

ORDER EARLY—You are urged to place your order with us as soon as possible, as all orders are accepted subject to stock being unsold at the time the order is received.

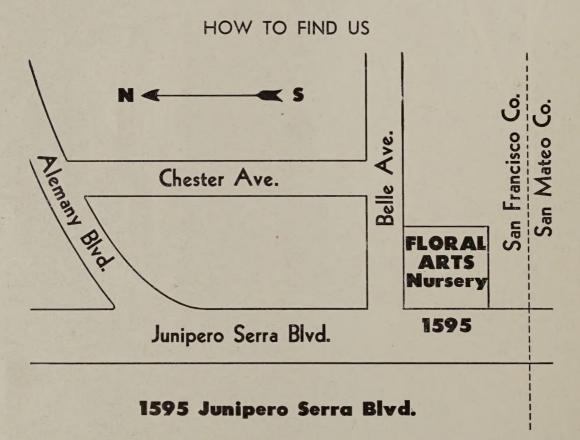
TERMS—Cash with order by check, draft or money order. California customers please add $2\frac{1}{2}$ % Sales Tax. We do not ship C.O.D.

SHIPPING CHARGES—We prepay shipping charges to all points in the U.S.A. on orders over \$2.50. Orders less than \$2.50, please add 25c to cover cost of packing and shipping.

SUBSTITUTIONS—We do not substitute unless requested to do so. Whenever possible, please suggest a second choice, as we may be sold out of the variety wanted.

QUANTITY RATES

ONE BULB—1/10 of dozen rate
SIX BULBS (of one variety) at the 12 rate
50 BULBS (of one variety) take the 100 rate
250 OR MORE (of one variety) take a discount of 10% from the 100 rate



Peter Valinga

Mailing Address: 1595 Junipero Serra Blvd., San Francisco 25, Calif.

or: P.O. Box 281, Burlingame, California

Home Telephone: South San Francisco 2074-W Business Telephone:

JUNIPER 5.0262

HOW TO PLANT TULIP AND HYACINTH BULBS

PLANTING TIME — In California do not plant your tulip and hyacinch bulbs before the end of October. You may expect good results from bulbs planted up to January 1st.

LOCATION — Tulips and hyacinths can stand full sun, but the blooms will last longer if exposed only to morning sun.

SOIL PREPARATION — Raised beds — 6 to 8 inches above ground level—insure good drainage and give the best results. Spade your soil well, to a depth of 18 inches.

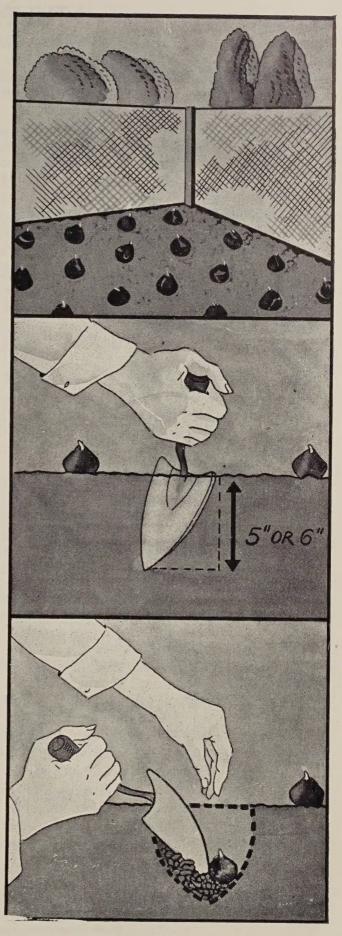
FERTILIZER—To enrich soil use a generous amount of well-rotted cow manure, or any of the commercial fertilizers. To loosen a rich and heavy soil, use peatmoss or course sand.

SPACING OF BULBS—Space your bulbs first. When interplanting with pansies, violas, or forget-me-nots, 12 inches, otherwise 5 or 6 inches.

DEPTH—Plant bulbs at equal depth 5" or 6". The general rule is to plant all bulbs 21/2 times the diameter of the bulb.

PLANTING — Push bulbs firmly into the soil—release trowel and cover.

WATERING — In California water once every week until the rains start.



TULIPS

WHITE SHADES

		Per 100
THE BRIDE—Lily Flow. A pure snowwhite flower of a most artistic form and conspicuous by the elegantly reflexed petals. Plant in clumps against a background of green shrubs.		\$15.00
WHITE CITY—Pure white cottage tulip, with yellow anthers. This variety was first exhibited in 1935 at the flowershow in Heemstede, Holland, where the American judges pronounced it to be the finest tulip of the show. We grew it in 1945 and again in 1946. All we can add: "It is		\$15.00
tops." Height 30 inches	1.75	12.50
ZWANENBURG —White Darwin with black anthers. Introduced into general cultivation in 1913. Robust and healthy grower with large white, nobly formed flowers. Height 32 inches	1.50	10.00
PINK AND SALMON SHADES		
CLARA BUTT—Lovely pure pink tulip. Excellent for bedding. One of the few pinks that will go with most anything. Height 28 inches	175	12.50
surpassed as a cutflower, the sweet fragrance adding much to the value of the flower. Height 30 inches	1.75	12.50
MR. VAN ZYL—A glorious dark rose-colored tulip with a broad white border; large white base. Height 28 inches	1.75	12.50
PRIDE OF ZWANENBURG—A beautiful salmon-rose tulip with a narrow edge of blush rose at the margin. Except for the paler edges of the petals it resembles a glorified Clara Butt in color. Tall, strong growing		
tulip. Height 30 inches	1.75	12.50
PRINCESS ELIZABETH—A lovely rose-pink Darwin tulip, available at a reasonable price. Height 28 inches	1.50	10.00
SMILING QUEEN—Deep pure pink cottage tulip with a silvery gloss on the outside. This was one of the cutflowers which our Holland growers sent us by air for the Oakland Flowershow this Spring. Here is a long,		
slender, egg shaped tulip of exquisite grace. Height 24 inches	6.00	40.00
RED, SCARLET, AND ROSE-RED SHADES ADVANCE—One of the largest flowers seen in tulips. When in full		
bloom resembles an Oriental poppy. A fiery red with a blue base. Very early. Height 30 inches	1.75	12.50
ALL BRIGHT—A glowing dark red, available at a reasonable price. Height 28 inches	1.50	10.00
CAPTAIN FRYAT — Lily Flowered. An exceedingly unusual color, amaranth-purple. The flowers are large, the long pointed petals		15.00
widely reflexed. The only tulip in this color class. Height 24 inches.		15.00
CITY OF HAARLEM—A dependable, deep scarlet Darwin of great substance. Very large. Height 30 inches.	2.00	14.00
BARTIGON—Geranium-lake red, large flower. One of the best known forcing varieties and also unsurpassed for bedding.	1.50	10.00
PRINCESS OF HOLLAND—A large bright red flower with yellow, slightly black shaded center. Highly recommended. Novelty		16.00
ONE BULB1/10 of dozen rate		

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YELLOW SHADES

	Per Doz.	Per 100
GOLDEN HARVEST—This is one of the most beautiful of all golden yellow hybrids of recent introduction. Just about the first tulip to bloom. The large finely formed globular flower is carried on a long strong stem. Highly recommended. Should be in every garden.		
Height 30 inches	\$1.50	\$10.00
NIPHETOS—A splendid tulip of fine form and substance. Strong and vigorous grower. Its color is a pure lemon yellow, fading with age to cream. Height 30 inches		12.50
MRS. MOON—Lily flowered. This is beyond doubt one of the finest late yellow tulips with pointed petals. Distinctly perfumed. Highly recommended. Height 24 inches		12.50
MRS. SCHEEPERS—Cottage. Elegantly formed, oval shaped, large flowers of deep golden yellow. The blooms are enormous. A rea giant among tulips. Height 30 inches		12.50
SEBASTIAN — Lily flowered. Effective on account of its severe and simple beauty. The bloom is particularly impressive; the corolla in its lower part fills out roundly and delicately like an urn. Then is some		. 2,33
what contracted upward and again curved outward at the point of the three outside petals. Height 24 inches	1.75	12.50
SUNKIST—A deep yellow tulip of tremendous size, oval shaped flowers. This is one of the loveliest of the late yellow tulips. Height 28 inches ORANGE AND BRONZE SHADES		12.50
DILLENBURG — Breeder. A sunglow-orange that diffuses into clear yellow along the edges. Plant with Scilla camp. Excelsion as a fore- ground planting. Height 28 inches.		12.50
INDIAN CHIEF—The flowers are of an Indian brown of enormous size		
and are carried on very tall stiff stems. Height 32 inches		15.00
A very lovely flower. Height 28 inches	1.75	12.50
LOUIS XIV—Breeder. Rich purple flushed with golden bronze, immense flower and a great favorite. Height 30 inches	1.75	12.50
SONATE — Without question one of the finest orange and bronze Breeders. When in full bloom the flower is a bright orange with delicate shades of bronze. Height 28 inches.		12.50
MAROON-BLACK AND PURPLE SHADES		
GEORGE GRAPPE—Very large soft mauve throughout with clear blue base. Highly recommended. Height 30 inches	2.00	15.00
LA TULIPE NOIRE — Darwin. The nearest approach to the so-called black tulip. Deep maroon black with a velvety sheen. Height 28 inches	1.75	12.50
REV. EWBANK — Darwin. An exquisite shade of soft lavender violet. Shaded silvery gray. It fades in the sun. Height 26 inches		10.00
THE BISHOP — Purest heliotrope-violet shade. Finest darwin of this color. A tall variety with medium-sized cup. We like to interplant it		
with white tulip Zwanenburg. Height 28 inches		12.50
QUEEN OF THE NIGHT—The darkest of all tulips. Plant in full sun. Height 28 inches		15.00
ONE BULB—1/10 of dozen rate		

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PARROT TULIPS

These new Parrots in contrast to the old type, all have firm stems to keep the flowers erect, and are a valuable addition to any garden. You will		
like to have some of these oddly shaped flowers, particularly for house		
	Per Doz.	Per 100
BLUE PARROT—A sensational novelty of bright violet shading to steel		
blue. Visitors to the Spring Flowershow in Cakland told us time and time again how much our blue parrots resembled cattleya orchids in		
color and shape. Height 24 inches	\$3.00	\$20.00
DISCOVERY — A beautiful rose Parrot. Large flower of outstanding	.,,,,,,,,	,
quality of very sturdy and strong habit. Sport of the well-known Dar-		
win tulip Princess Elizabeth. Height 24 inches	3.00	20.00
FANTASY—Beautiful salmon-pink with a much darker interior. Outside		12 50
marked with emerald green. Lacinated edges. Height 18 inches RED CHAMPION —Huge flower of bright crimson with light shading of	1.75	12.50
rose-red. Flowers are carried on strong and stiff stems. Sport and		
color of Darwin tulip, Bartigon. This variety received an enormous		
amount of attention at the recent flowershow. Height 20 inches		20.00
SUNSHINE—Lovely new Parrot of pure golden yellow; of true Parrot		40.00
type. Height 20 inches	6.00	40.00
REMBRANDT TULIPS (Striped and Feathered)		
When the coloring matter of a "self-color" has become split up into		
stripes and blotches, that particular flower is called "broken". Their		
artistic form and coloring make them especially suitable for cut-flower purposes.		
ABSOLOM—Old gold, brown flamed; a large egg-shaped flower on a		
strong stem. Height 24 inches	2.00	15.00
CORDELL HULL-Red, banded and feathered pure white. One of the		
attractions in our exhibit at the flowershow in Oakland last Spring.		10.50
Height 24 inches LA FIESTA (Jeanne Desor)—Beautiful flower of great substance and one	1.75	12.50
that every amateur will like. The color is very striking, being of a deep		
orange yellow with a suffusion of red toward the edges of the petals.		
Height 30 inches	2.00	15.00
PIERRETTE—Purple and lilac over waxy white. Height 24 inches	2.00	15.00
ZANY—A very appropriate name for a gay and cheerful flower. The		
color is a clear yellow, bright red feathered with reflexed petals. Height 24 inches	2.00	15.00
		10.00
DOUBLE TULIPS		
These double varieties are extremely showy, with flowers as large as		
Peonies, which they resemble. As real novelties we want to recommend them for exhibition or show purposes.		
EROS—An outstanding beautiful double tulip of salmon-pink. One of		
the new colors in this class of tulips. Highly recommended. Height		
20 inches	1.75	12.50
MOUNT TACOMA — Extra large flower of the purest white with		
emerald-green markings on outer petals. Very strong and sturdy with long blooming season. Height 20 inches	2.00	15.00
UNCLE TOM—A very stunning tulip. Large double flowers of a uniform		13.00
deep glossy red. Height 20 inches		20.00
ONE BUILD 1/10 f 1		

ONE BULB-1/10 of dozen rate

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BOTANICAL TULIPS (Wild Species)

These wild tulips come in lovely shapes, many with reflexed petals and oddly twisted foliage. They belong in the rock-garden, where, when kept dry during the summer months—their dormant period—they can be left in the ground from year to year.

	Each	Per Doz.	Per 100
CLUSIANA—The peppermintstick tulip	\$.20	\$2.00	\$15.00
EICHLERI—Crimson-scarlet. Very fine for rock-garden	.18	1.75	12.50
FOSTERIANA RED EMPEROR—Brilliant red. Large flower	.35	3.50	25.00
KAUFMANNIANA—Waterlily tulip, creamy-white	.18	1.75	12.50

Complete List of Botanical Tulips on Request

HYACINTHS

Hyacinths planted in pots bring pleasure in winter days, and for bedding purposes they are unsurpassed. To the best of our knowledge, there is no bulb easier to grow than the beloved Dutch hyacinth.

They provide the much needed shades of blue, white, pink and red. Select a location where they can be left, where during their dormant period, the summer months, they receive little or no water, and you will have fragrance, beauty and pleasure for many years to come.

GARDEN HYACINTHS (17-18 centimeter)

INNOCENCE—The most satisfactory all-around pure white hyacinth. Very fine bedder and forcer. White hyacinths inter-			
planted with blue Muscari make a charming effect	.25	2.80	20.00
PERLE BRILLIANT—Light blue: erect and perfectly shaped spike. Splendid for bedding. Plant with Innocence and Lady Derby.			
	.25	2.80	20.00
LADY DERBY—Soft rose, large truss. Fine for potting as well as			
outdoors	.25	2.80	20.00
PINK PEARL—Beautiful deep rose shades	.25	2.80	20.00
GRAND MAITRE—Immense porcelain blue spike of great substance	.25	2.80	20.00
ORANGE BOVEN—Resembles very much the Roman hyacinths. The salmon pink bells are loosely arranged around the spike. (Not			
available in exhibition size)	.40	4.00	30.00
TUBERGENS SCARLET—Fiery scarlet spike. An excellent novelty			
of striking color	.40	4.00	30.00

EXHIBITION HYACINTHS For Indoor Bloom

INNOCENCE	.50	4.50	35.00
PERLE BRILLIANT	.50	4.50	35.00
LADY DERBY	.50	4.50	35.00
PINK PEARL	.50	4.50	35.00
GRAND MAITRE	.50	4.50	35.00

ONE BULB-1/10 of Dozen Rate

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NARCISSI OR DAFFODILS

Correct daffodil nomenclature

Many of our gardening friends think that all yellow varieties are known as "Daffodils or Jonquils" and the white varieties as "Narcissus." They are all correctly expressed by the botanical term of "Narcissus" or the English common name of "Daffodil."

The name DAFFODIL shall be considered synonymous with NARCISSUS and includes all varieties, hybrids and species classified in accordance with the eleven divisions recognized by the Royal Horticultural Society of England. The eleven divisions are as follows:—

Division I—TRUMPET DAFFODILS. (Trumpet as long, or longer than the petals).

Division 2—INCOMPARABILIS. (Cup measuring from 1/3 to nearly the length of the petals).

Division 3—BARRII. (Cup measuring less than 1/3 the length of the petals).

Division 4—LEEDSII. (Perianth white; cup white, cream or pale yellow).

Division 5—TRIANDRUS HYBRIDS. (Cup or crown not less than 1/3, but less than equal the length of the perianth segments).

Division 6-CYCLAMINEUS HYBRIDS.

Division 7-JONQUILLA HYBRIDS. All varieties of N. Jonquilla parentage.

Division 8—POETAZ. Tazetta hybrids. They have several flowers on a single stem.

Division 9—POETICUS VARIETIES. (Pheasant's Eye).

Division 10-DOUBLE VARIETIES.

Division II—Various. To include N. Bulbocodium, N. Cyclamineus, etc.

Per Doz. Per 100 ACTAEA—Div. 9. The pheasant's eye narcissus as it is known. Actaea is the best of a very large group which only experts can tell apart. Fine doer\$1.50 \$10.00 ADMIRATION — Div. 8. Sulphur-yellow perianth; sulphur-yellow eye 15.00 AEROLITE—Div. 1. A golden daffodil. Deep primrose perianth, medium 22.50 BEERSHEBA—Div. I. Beautiful white daffodil. The long white trumpet is 30.00 BULBOCODIUM CONSPICUOUS — Div. 11. Flowers rich golden yellow, of Hoop Petticoat form and rushlike foliage. Height 6 inches.....1.25 9.00 CARLTON — Div. 2. A self yellow of enormous size with a beautiful 20.00 CHEERFULNESS-Div. 8. Beautiful clusters of small blooms with broad rounded creamy white petals and full double centre of creamy white and yellow 2.00 15.00

ONE BULB-1/10 of dozen rate

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	er Doz.	Per 100
group. Solid overlapping pure white perianth, pale creamy primrose crown. The flower is $41/2$ inches across, with a trumpet formed cup	¢4.00	\$ 20.00
nearly two inches. It resembles a giant trumpet.	.\$4.00	\$30.00
DAWSON CITY — Div. I. Yellow Daffodil. Broad, flat overlapping perianth of fine substance. Trumpet of purest golden yellow. Late	3.00	20.00
DIANA KASNER—Div. 3. Pure white perianth, large fluted yellow cup, deeply frilled. One of the best of the Barrii's	2.50	17.50
FIRETAIL—Div. 3. Broad petaled creamy-white petals, and large orange cup with scarlet orange frill———————————————————————————————————	3.00	20.00
FORTUNE—Div. 2. One of the very best of the new daffodils. Clear, brilliant yellow perianth, long cup with orange-red frills. Hybridizers use this variety a great deal	4.00	30.00
HAVELOCK—Div. 2. A clear self yellow of fine form	2.00	15.00
HELIOS—Div. 2. A most refined flower. Creamy yellow perianth star shaped; pale orange cup, slightly frilled. Early bloomer.	2.00	15.00
HERA—Div. 4. Pure white perianth with pale lemon cup, which is fluted. Very hardy variety	2.00	15.00
JOHN EVELYN—Div. 2. Pure white with densely frilled cup of lemon yellow. Highly recommended	2.50	17.50
JONQUILLA SIMPLEX—Div. 7. The old-fashioned single yellow sweet-scented jonquil with clusters of small fragrant flowers	1.50	10.00
KING ALFRED—Div. I. The most popular deep yellow daffodil of the last thirty years	2.00	15.00
LAURENTZ KOSTER—Div. 8. Perianth white with deep yellow cup. Four to five flowers on each stem. Very fragrant	1.50	10.00
LUCINIUS—Div. 2. Self colored golden yellow. Is about two weeks later than King Alfred	3.00	20.00
MARY COPELAND—Div. 10. One of the famous varieties of the new semi-double type. The longer petals are pure cream, interspersed with shorter petals of brilliant orange	8.25	
MRS. BACKHOUSE—Div. 1. The censational pink daffodil. Delicately beautiful; of exceptional substance and long lasting	6.00	50.00
MRS. KRELAGE—Div. I. One of the finest of the white trumpet daffodils. Large erect flowers with pure white perianth and soft yellow		
trumpet	3.00	20.00
ORANGE QUEEN—Div. 7. Rich deep orange-yellow, 2-3 flowers on a stem. Fine for cutting	2.00	15.00
PAPERWHITE—Div. 8. Starts blooming in early January		10.00
SILVER CHIMES—Div. 5. One of the most distinct and graceful daffodils in cultivation. Pure white perianth, primrose cup, 6 to 8 flowers		
on stem. Very hardy	10.00	
orange cups. Blooms in February		10.00
ONE BULB—1/10 of dozen rate		

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	Per Doz.	Per 100
SPRING GLORY—Div. I. Although an older variety, it is still a grea favorite for the garden. The trumpet is long and of a chrome-yellow with a reflexed brim and a snow-white perianth. Fine for mass planting	v -	\$15.00
THALIA—Div. 5. Often called the orchid-flowered daffodil. Three o		
four beautiful pure white flowers to a stem. Very attractive in a rock-garden	3.00	20.00
TRESSERVE—Div. 1. Giant yellow trumpet. Late bloomer. Planted with King Alfred, it will prolong your daffodil season		15.00
TREVITHIAN—Div. 7. Has two or three flowers on a stem. Broad over lapping smooth perianth and medium-sized shallow crown. The flowe is a lovely pale lemon yellow	r	20.00
TUNIS—Div. 4. Broad white overlapping perianth. Large frilled cup of soft primrose, edged apricot. Both Tunis and Fortune have been used extensively on the West Coast. Very early	4	20.00
TWINK—Div. 10. Very attractive flower carried on tall strong stems It is a semi-double of creamy yellow and soft orange. One of the	;	
choicest which we exhibited at the Pasadena Flowershow last Spring.	3.00	20.00

DAFFODIL PLANTING INSTRUCTIONS

Given good bulbs the main factor in growing daffodils is thorough and deep cultivation of the soil. Good drainage is essential.

TIME — Plant the bulbs as soon as you receive them.

PLACE — A location with morning sun and afternoon shade is ideal.

Daffodils can stand full sun, but not complete shade. Bulbs may be left in the ground for several years. Remember in planting that the flowers like to face the SOUTH.

WATERING — Water well after planting and water once a week until the rains start. Summer watering will not hurt the bulbs.

MOVING OF BULBS — If you must move your bulbs right after blooming, take them up with as much soil as possible, heal them in and let them die down slowly.

If bulbs have to be taken up because they are too crowded, take them up after their foliage has withered, separate them, and plant immediately in a new location. After the leaves have died down, rake over the soil of your daffodil bed. This will fill the holes which the leaves made, and will prevent insects ready access to the bulbs.

ONE BULB—1/10 of dozen rate

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WHICH END UP WHEN PLANTING

RANUNCULUS ANEMONE





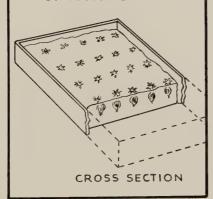
WRONG



SOAK BULBS IN WATER BEFORE PLANTING OUT



OR START BULBS IN FLATS
OF MOIST SAND



ANEMONES

Anemones are famed for being heavy bloomers. Plant the tubers in a light, rich, well-drained soil. By giving them an Eastern exposure they will be protected from the warm afternoon sun.

ST. BRIGID — Marvelous Poppy-like flowers in a wonderful color combination. Doubles and semi-doubles.

MONARCH DE CAEN — Poppy-flowered giant single Anemones. Brilliant colors.

HIS EXCELLENCY—A grand variety of the most velvety vermillion, with glistening silvery white base and a handsome blue-black central base.

BLUE POPPY—Very much like His Exellency, except as for color. Blue Poppy is a most attractive blue.

THE BRIDE—Fine pure white flowers.

Prices: \$.85 per Dozen \$6.00 per 100

ONE BULB—1/10 of dozen rate

RANUNCULUS

Would you like 1000 fine blooms from 100 bulbs?

The secret is out—plant ranunculus.

Plant in full sun.

Ranunculus like a loose and rich soil. When growth is about three inches, sprinkle a teaspoonful of a good commercial fertilizer around each plant, cover up the soil and keep well watered.

GOLDEN YELLOW—A blend of yellow shades.

ORANGE SHADES.

RED SHADES.

PINK SHADES.

WHITE SHADES.

GIANT MIXED.

Prices: \$.85 per Dozen \$6.00 per 100

ONE BULB—!/10 of dozen rate

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MISCELLANEOUS BULBS

DUTCH IRIS (Iris Hollandica)

Dutch Iris have become very popular during the last few years. Their flowers graceful as orchids, are wonderful cutflowers, and also lend themselves admirably for mass planting.

IMPERATOR—A very large Iris and the best deep blue we know; tall and vigorous

grower. Very attractive. Late bloomer.

JACOB DE WITT—A very early Iris of remarkable substance. Both standards and falls are of a uniform dark blue."

WEDGEWOOD — Light blue. The earliest of this group of Dutch Iris to bloom.

Blooms in early part of March.

WHITE EXCELSIOR—Of very good form and substance, both standards and falls of the purest white. Very vigorous grower.
YELLOW QUEEN—A very fine flower of uniform golden yellow.

Prices: \$1.00 per Dozen. \$7.50 per 100

CROCUS

Crocus, one of the earliest flowers of Spring, should be in everbody's garden. The crocus species, natives of the Mediterranean, are self-seeding in California and lend themselves to naturalizing.

SUSIANUS—Species. Most attractive, deep, rich yellow with dark rich brown flames on exterior segments.

SIEBERI—Species. Lavender flowers with bright orange stigmata.

TOMASINIANUS—Species. Pale lavender.

LARGE HOLLAND TYPE—White, blue, yellow or striped.

Prices: \$.75 per Dozen. \$5.00 per 100

LARGE HOLLAND TYPE-Mixed.

Prices: \$.60 per Dozen. \$4.00 per 100

FREESIAS

It is easy to grow Freesias for indoor culture; providing you follow a few simple rules. Plant the bulbs in a six-inch deep flat or pan, covering the bulbs with an inch of soil. Place these flats or pans in a cool shady place in your garden during the winter months, and keep them well-watered. When, by holding a pot against the light, you see the flower in its sheath, take the pot indoors and bring the bulbs into bloom.

COLORED FREESIAS—Blue, yellow, white, pink or red.

Prices: \$.75 per Dozen. \$5.00 per 100

COLORED FREESIAS MIXED.

Prices: \$.75 per Dozen. \$5.00 per 100

TRITONIA CROCATA—The flame freesia.

Prices: \$.75 per Dozen. \$5.00 per 100

SPARAXIS—In mixed colors only.

Prices: \$.75 per Dozen. \$5.00 per 100

GALANTHUS (English Snowdrop)

The most effective way, is to plant these charming little flowers between stepping stones, or in the rock-garden, where they can remain undisturbed.

Prices: \$.85 per Dozeň. \$6.00 per 100

ONE BULB-1/10 of dozen rate

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BABY GLADIOLUS

Bloom after the tulips are through. Very graceful. In California these bulbs are planted during the latter part of October, or the early part of November. They are just about two feet, and make excellent cutflowers.

PEACH BLOSSOM—Bluish pink blotches, rose and cream.

THE BRIDE—Pure white. The earliest one to bloom.

Prices: \$1.50 per Dozen. \$10.00 per 100

MUSCARI (Grape Hyacinths)

A charming and exceedingly popular Spring flower, requiring no special culture or soil. Perfectly hardy and increasing rapidly by offsets. They look beautiful naturalized in the rock-garden, while as edgings and massed in the flower border they produce a lovely effect and continue a long time in bloom.

MUSCARI ARMENIACUM—The best of the blue muscari; produces spikes of deep

cobalt blue. Strong, spicy fragrance.

MUSCARI HEAVENLY BLUE—This variety, with its rich shade of gentian blue, is especially effective for mass planting and fills the garden with a clove-carnation scent. Valuable for cutting. Height 8 inches.

MUSCARI ALBA—Very pretty with its spikes of pure white bells, looking not unlike a wedge of seed pearls. Very effective when planted with either of the blue muscaris.

Prices: \$.75 per Dozen. \$5.00 per 100

SCILLA CAMPANULATA (Wood Hyacinths)

EXCELSIOR—A tall vigorous grower with sturdy stems. Individual flowers very large and a delightful shade of deep lavender blue. A permanent asset for your garden; a group of these in the border with the sun on them makes a brilliant show. Also very effective when interplanted with Parrot tulip Fantasy. Fine cutflower.

ALBA—The pure white form.

Prices: \$.85 per Dozen. \$6.00 per 100

SCILLA TUBERGENIANA—Fine novelty. The color of the flowers is very unusual, delicate Delft blue. The flowerspike is about 5 inches; each bulb producing three or more spikes with ten or more flowers. The leaves are broad and short. Introduced from Northern Persia. Very free flowering.

Prices: \$.30 Each. \$3.00 per Dozen. \$24.00 per 100

ACIDANTHERA MURIELAE

Abyssinian Sword Lily. A real find from Western Abyssinia. As easily grown as the gladiolus, it is similarly planted and harvested. It blooms from mid-August to September. It has tall rigid stems 4 feet or higher, with very sweet scented flowers. Petals are pure white with a purplish maroon blotch at their base. Excellent cutflower. December delivery.

IXIAS

Excellent cutflowers on long, slender stems with star-shaped f	lowers often marked with
dark blotches near the bases of the petals.	
AZUREA—Blue with purple center\$.85 per	r dozen; \$ 6.00 per 100
	dozen; 6.00 per 100
VIRIDIFLORA—Light green, black eye.	
	r dozen; 15.00 per 100
VULCAN—Scarlet, shaded orange	r dozen; 6.00 per 100
	r dozen; 6.00 per 100

ONE BULB-1/10 of dozen rate

Peter Valinga

Mailing Address: 1595 Junipero Serra Blvd., San Francisco 25, Calif. or: P.O. Box 281, Burlingame, California

WHERE TO PLANT YOUR BULBS

Customers often ask me: "Where is the best place in my garden to plant my bulbs?" My answer has always been: "Plant them where you can enjoy them most when they are in bloom." The general objection to this is that when, during the latter part of October the tulip and hyacinth bulbs should be planted, the favorite place in the garden is still in full bloom.

HOW TO TIME YOUR PLANTING

In our line of work we face a similar problem. Our favorite spot is the flower show, but we cannot put our bulbs in until about two or three weeks before the opening of the show.

We overcome this difficulty by the use of wooden plant bands, 3x3x4", tin cans, quart size preferred, or five inch pots, using one bulb for each container.

This system is very flexible, as it can be used by one person who plants half a dozen bulbs or by a city park which plants thousands.

BULB STRUCTURE

A bulb consists of four or five layers of food-storing tissue, which enclose—in miniature—the new flower and leaves.

The root system which the bulb develops after planting draws in the very beginning its sustaining nourishment from these food-storing outer layers of the bulb. After the root system has sufficiently developed, it takes over and starts feeding the miniature flower in the bulb.

POT CULTURE

The foundation of the bulb is its root system. Only a low ground temperature, 40-45 degrees Farenheit, will induce a bulb to develop an adequate root system.

The reason why we have always objected to planting tulip and hyacinth bulbs before the end of October, and this applies especially to Southern California, is a high ground temperature retards root development.

A high ground temperature not only prevents an adequate root growth, but it also develops the flower inside the bulb prematurely.

WHERE TO PLACE YOUR CONTAINERS

In order to expose these container planted bulbs to a cold temperature, it is necessary that you plunge them in a cool place in your garden—the coldest and shadiest place you can find.

Find a level spot and cover up your containers with 6-8 inches of soil, sand, leafmold, or peatmoss. Keep well watered.

WHEN TO TAKE THEM UP

After 12 to 14 weeks, the root system has been fully developed and has started to feed the flower—which after this time is just about from 4 to 5 inches high.

The bulbs are then ready to be moved to your favorite spot in your garden. Let the tip of the sprout just about peek through the soil.

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Use rich garden compost, which drains well. Use one pint of bonemeal to one bushel of soil (8 gallons). Push bulb in firmly.

Fill soil to within $\frac{3}{4}$ inch of the top.

Cover first with thin layer of sand, and soil will wash off easily when the bulbs are taken up.



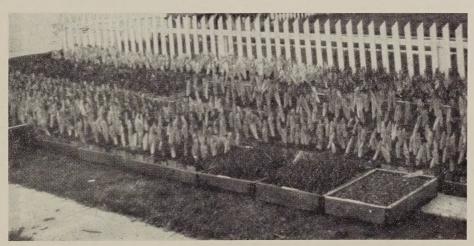
Plunge in coolest place in your garden. Cover with 6 to 8 inches of soil, sand, or peatmoss.



Hyacinth bulb in quart can. Punch three holes for drainage.

Tulip bulb in wooden plant band 3x3x4"

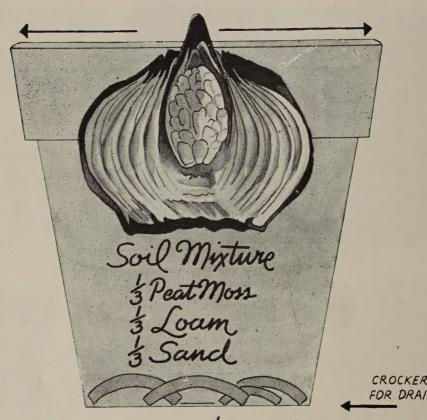
Wooden plant bands 3x3x4" \$.20 per Dozen. \$1.50 per 100. \$12.00 per 1000.



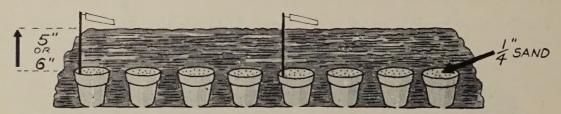
Above picture shows 90 flats of hyacinths — in plant bands — as we were ready to ship them to the Pasadena Flower Show, which was held during the middle of March. These flats were shipped during the last week of February. Planted in our plot at the show, and were in full bloom during the show.

Peter Valinga

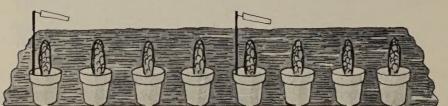
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Cross Section View of Hyacinth Properly Potted



Plunge in a cool place, firming soil between pots. Keep them moist. In California, water once a week until rains start.



After 12 to 14 weeks, spikes are 4" to 5" high. Plants can then be brought into weak light. As soon as buds turn normal green, they are ready to be brought indoors.